

Claims

1. Laminate of alternating metal layers (10 - 14) and at least one plastic bonding layer (14 - 17), which metal layers (10 - 13) each comprise two metal layer sections (18, 19) that have mutually overlapping edges (20, 21) bonded to one another, characterised in that a fill (8) is provided which has a thickness at least such that at the location of the fill (8) the laminate has a thickness equal to the thickness at the location of the overlapping edges (20, 21).
10 2. Laminate according to Claim 1, wherein the fill (8) is immediately alongside two mutually overlapping edges (20, 21).

15 3. Laminate according to Claim 1 or 2, wherein there is a fill (8) on either side of two mutually overlapping edges (20, 21).

20 4. Laminate according to one of the preceding claims, wherein the edge (20) of one of the mutually overlapping metal layer sections (18) is continued such that the metal layer sections (18, 19) of a metal layer (10 - 13) are essentially in the extension of one another.

25 5. Laminate according to Claim 3 and 4, wherein the fills (8) are in the extension of one another.

6. Laminate according to one of the preceding claims, wherein the laminate has a region (6) in which there is at least one fill (8) as well as a region (7) without fill (8).

25 7. Laminate according to one of the preceding claims, wherein the fill (8) comprises at least one metal layer (23, 24, 25) as well at least one plastic bonding layer (28, 29).

30 8. Laminate according to one of the preceding Claims 1 - 6, wherein the fill (8) comprises at least a metal layer with a thickness greater than that of the other metal layers (10 - 13).

9. Laminate according to one of the preceding claims, wherein a plastic bonding layer comprises a layer of adhesive.

10. Laminate according to one of the preceding claims, wherein a plastic bonding
5 layer comprises a fibre layer that has been impregnated with an adhesive.

11. Laminate according to one of the preceding claims, wherein the fill (8) is
interlaminar.